

SPECIFICATIONS

EPSON PERFECTION™ V500 PHOTO

Weight = Approx.4kg



^To use the USB port, consult the documentation provided with your PC for further information about USB connectivity. Please note that errors may occur if non-standard cables or multiple hub connections are used.

Scanning Speed Data Pattern
The thumbnail images below show the scanning patterns used to determine scanning speed specifications.

System Configuration of Scanning Speed
CPU: Pentium 4, 3.2GHz
RAM: 1GB
I/F: USB2.0 Hi-Speed
OS: Windows XP Professional Edition
Soft: Adobe Photoshop 7.01E

° Optical resolution as defined in ISO14473, as the fundamental rate of the sensor



*1
Line Art
(Memo)

*2
Photo (Photo courtesy of
ISO/JIS-SCID, Reprinted
by permission.)

Scanning speed test results vary according to system configuration, dpi setting, and scan mode setting. However, documents and photos other than those pictured above can be substituted without significantly affecting test results.

When scanning resolution is high, scanning size may be restricted.



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BASIC	Flatbed color image scanner Main 6400 dpi x Sub 9600 dpi		
SCANNER TYPE	Flatbed color image scanner		
OPTICAL RESOLUTION*	Main 6400 dpi x Sub 9600 dpi		
DOCUMENT SIZE	216x297mm (A4+Letter)	(A4+Letter)	
	68.6 x 236.9mm	(35mm Strip film 12 frames, 35mm Mounted film 4 frames, Medium format (6 x 12cm) 1 frame)	
INTERFACE	USB2.0 Hi-Speed/USB1.1		
CONFIGURATION	Alternate 12 lines color CCD with Micro Lens		
PHOTOELECTRIC DEVICE	170,880 pixels (14,240 x 4 lines x 3 colors)		
LIGHT SOURCE	White LED, IR LED		
SUB-SCANNING METHOD	Fixed document and moving carriage		
PERFORMANCE	50 - 6400 (1 dpi step), 9600, 12800 dpi		
OUTPUT RESOLUTION	Internal 48 bit (281.5 trillion colors)		
COLORS	Output 48 bit (281.5 trillion colors)		
	24 bit (16.7 colors million)		
	16 bit (65,536 grayscale levels)		
	8 bit (256 grayscale levels)		
	1 bit Monochrome		
SCANNING SPEED			
REFLECTIVE SCANNING			
MONOCHROME*1	A4 600dpi	4.560msec/line	Draft Mode 32 sec
24bit COLOR*2	A4 600dpi	4.560msec/line	Best Mode 38 sec
24bit COLOR*2	A4 1200dpi	10.440msec/line	33 sec
			181 sec
FILM SCANNING			
35mm Positive film	2400dpi	8.592 msec/line	Draft Mode 39 sec
	4800dpi	10.896 msec/line	Best Mode 51 sec
	6400dpi	10.896 msec/line	105 sec
	2400dpi	8.160 msec/line	170 sec
	4800dpi	9.696 msec/line	185 sec
	6400dpi	9.696 msec/line	44 sec
			58 sec
			121 sec
			218 sec
FUNCTIONS	DIGITAL ICE (for film)		
IMAGE QUALITY ENHANCER	Grain Reduction		
	Dust Removal (Software for film and reflective/photo)		
	Backlight Correction		
	Colour Restoration		
	PRINT Image Matching II		
	Optimized Auto Exposure		
	Unsharp Mask with Noise Reduction		
	De-Screening with Document Type Optimizer		
	Tone Curve Adjustment with Histogram		
	Colour Palette		
	4 Push Buttons linked with EPSON Creativity Suite		
	Stand-Alone Application and Scan to File Feature		
	Scan to PDF feature		
	High compression PDF		
	Multi Purpose User Interface		
	Multi Document Auto Detection		
	Multi Document Auto Cropping		
	Auto Skew Correction		
	Auto Photo Orientation		
	Multi Marquee		
	Film Scanning Thumbnail Preview		
SUPPORTED PLATFORMS	Microsoft® Windows® 2000 Professional/XP Home Edition/XP Professional/XP Professional x64 Edition/ Windows Vista™ * (Pre-installed model or upgrade of Windows® 2000 Professional pre-installed model) Mac OS® X 10.2.8 or later (universal version)		
ENVIRONMENTAL CONDITIONS	TEMPERATURE		
	10°C to 35°C (Operating)		
	-25°C to 60°C (Storage)		
	10°C to 32°C (Operating with ADF)		
	-20°C to 60°C (Storage with ADF)		
	HUMIDITY		
	10% to 80% without condensation (Operating)		
	10% to 85% without condensation (Storage)		
	20% to 80% without condensation (Scanning with ADF)		
	10% to 85% without condensation (Storage with ADF)		
ELECTRICAL SPECIFICATIONS	VOLTAGE		
	AC220-240V/ 50-60Hz		
	POWER CONSUMPTION		
	0.4W (Power Off)		
	16W (Operation) (With ADF 17.5W)		
	7.5W (Ready Mode) (With ADF 6.5W)		
	4.0 W (Sleep Mode)		
OPTIONS	Automatic Document Feeder B12B813392		

Dealer's Stamp

EPSON SINGAPORE PTE LTD
1 HarbourFront Place #03-02
HarbourFront Tower One Singapore 098633
TEL: (65) 6586-5500 FAX: (65) 6271-9755
EPSON Hotline: (65) 6586-3111

EPSON SERVICE CENTRE
25 Bukit Batok Street 22
Allied Technologies Limited Building, Level 2
Singapore 659591

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EXCEED YOUR VISION

EPSON PERFECTION™ V500 PHOTO

COMBINING FUNCTION,
QUALITY AND FORM
TO PERFECTION

- ReadyScan LED Technology - Experience efficient and high quality scanning with zero warm up time and low power consumption
- 6400dpi high resolution - Take pleasure in high speed scanning that does not compromise on superb scanning quality
- Supports a wide variety of film formats - Easily scan various film formats with stunning results

EXCELLENT SCANNING QUALITY AND ENHANCED PRODUCTIVITY FOR THE PHOTO ENTHUSIAST



EPSON PERFECTION™ V500 PHOTO

EPSON Perfection™ V500 Photo allows efficient and convenient archival of precious memories.

New ReadyScan™ LED Technology for Maximum Efficiency

Introducing Epson's first scanner powered by new ReadyScan™ LED Technology.



Enjoy maximum efficiency with:

- Zero warm up time
- Low power consumption
- Environmentally-friendly mercury-free LED lamp

High Resolution for Excellent Scanning Quality

Achieve superior image quality with scanning resolution of up to 6400dpi* and 3.4DMax optical density.



*Optical resolution as defined in ISO14473

More Versatility with Multiple Film Scanning Formats

The EPSON Perfection™ V500 supports a variety of film formats:

- 35mm Stripfilm x 12 frames
- 35mm Slides x 4 frames
- Medium format (6 x 12cm) x 1 frame



DIGITAL ICE Technology for film scanning

Epson's proprietary DIGITAL ICE Technology easily removes dust or scratch marks from colour film.



Enhanced Digital Imaging Features with EPSON Scan 3.2

EPSON Scan 3.2 is packed with a suite of features for all your digital imaging needs. The new and improved features include:



High Compression PDF

This new feature greatly reduces the file size of scanned documents, yet retains text readability.

ICC Profile Embedding

With ICC profile embedding, the scanned image is able to reproduce colours consistently across devices such as printers and monitors.

Improved Backlight Correction

New backlight correction is improved to correct not only the tone curve but also 'contrast' and 'saturation' balance. With this improvement, a bright and better-balanced image is achieved.



OFF

Current

Improved

Optional ADF for Higher Productivity

Fast and easy multiple document scanning with optional Automatic Document Feeder.



Feeds 30 sheets
Scan speed: 3ppm
(at A4, Line Art, 300dpi,
Draft Mode)

Tools for Photo Perfection

Achieve more from your scans with the following bundled software:

EPSON Creativity Suite

Epson's photo software solution allows you to easily manage all your digital images for storing, viewing & sharing.



ABBYY FineReader 6 Sprint Plus*

A powerful Optical Character Recognition software that recognises and converts the image of a text document to text format for easy editing through MS Word or MS Excel.



*Version 5 for Macintosh

Adobe® Photoshop® Elements 6.0

Enhance your photographs and engage in various creative projects like creating greeting cards, albums inserts and more. New features include automatic touching up of red-eye by detection of face shapes.

ADOBE
**Photoshop®
Elements 6**

Partners in Perfection



Unbeatable photos from EPSON Stylus™ Photo Inkjets & Photo AiOs at 5760 optimised dpi and Variable Sized Droplet Technology.



Epson specialty media is developed to complement Epson genuine inks to produce exceptionally high quality prints.



Epson inks are the highest quality inks you can use with an Epson printer. Years of research and development have gone into its formulation. The results are inks designed specifically to work with your printer to deliver stable, long-lasting, photographic quality.